

APPENDIX A
Claims as Pending
8484-095-999

1. A process for inhibiting alopecia, comprising:
increasing in the cellular amount of hair keratin.
2. The process of Claim 1, wherein said hair keratin is added to the cells.
3. The process of Claim 2, wherein said hair keratin is present in the form of a polynucleotide encoding the same.
4. The process of Claim 1, wherein a substance activating gene expression in hair keratin is added to the cells.
5. The process of Claim 4, wherein said substances are present in the form of a polynucleotide encoding the same.
6. The process of Claim 1, wherein said hair keratin is selected from the group consisting of Ha2, Ha2, Ha3 and Ha4.
7. The process of Claim 4 or 5, wherein said substance is selected from the group consisting of the gene product of the whn gene and a substance activating the expression of the whn gene.
8. A process of identifying alopecia-inhibiting substances, comprising:
 - (a) cultivating cells in the presence of a candidate substance;
 - (B) determining an increase in the cellular amount of hair keratin or of a substance activating the gene expression of hair keratin.
9. The process of Claim 8, wherein said cells comprise a fusion gene, wherein one or several hair keratin expressing genes are fused to a reporter gene.

10. The process of Claim 8 or 9, wherein said hair keratin is selected from the group consisting of Ha1, Ha2, Ha3, and Ha4.

11. The process of Claim 8, wherein said cells comprise a fusion gene, wherein one or several genes expressing a substance activating the gene expression of hair keratin are fused to a reporter gene.

12. The process of Claim 8, wherein said substance is a gene product of the whn gene.

13. The process of Claim 9, wherein said reporter gene encodes an enzyme.

14. The process of Claim 9, wherein said reporter gene encodes a fluorescent protein.

15. The process of Claim 9, wherein said fusion gene is present in extrachromosomal form.

16. The process of Claim 9, wherein said fusion gene is integrated in the cell genome.

17. The process of Claim 9, further comprising detecting expression of hair keratin, or of a substance activating the gene expression of hair keratin or said fusion gene by use of a suitable substance.